

# UV System DULCODES LP

A world first: precise lamp dimming in seconds – even with varying flows and water temperatures.

**Pro**minent®



The unique UV systems DULCODES LP are synonymous with pioneering water treatment – efficient and free of chemicals.

## Technical Details

- High-grade stainless steel 1.4404/316L reactor hydraulically optimised by means of computer simulation
- High-output amalgam lamp 'VARIO-Flux' with dynamic lamp heating
- Guaranteed lamp service life of 14,000 operating hours (pro rata)
- Electronic ballasts for the gentle ignition, operation and individual monitoring and control of the lamps
- Long-term stable UVC sensor for continuous monitoring of the system
- Efficient and chemical-free cleaning of the cover tubes with manual or automatic wiper system, available for selected system sizes as options
- Continuous monitoring of the reactor temperature by temperature sensor Pt 1000
- Single-lamp system: equipped with either a Compact controller or Comfort controller
- Various options for simple integration of the system in higher-level control systems via numerous analogue and digital interfaces
- Data logger: all relevant operating data and events are saved on the SD card and can be simply and conveniently visualised with an analysis programme



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## Technical Data

Type	Max. flow rate	Lamp power	Connected load	Radiation chamber length	Free space needed for maintenance	Empty weight/ Operating weight	Connector width*
	m <sup>3</sup> /h	W	kW	mm	mm	kg	DIN / ANSI
1x80 LP	8.8	81	110	872	973	140	RP 2" / RP 2" / -
1x230 LP	35	260	310	1151	1064	140	DN 80 / 3" / DN 80
1x350 LP	53	370	430	1640	1465	168	DN 100 / 4" / DN 100
2x350 LP	123	2x370	835	1640	1465	256	DN 150 / 6" / DN 150
3x230 LP	155	3x260	825	1185	1156	324	DN 150 / 6" / -
3x350 LP	232	3x370	1,240	1885	1565	324	DN 200 / 8" / DN
4x350 LP	317	4x370	1,645	1885	1565	356	DN 200 / 8" / -
6x350 LP	523	6x370	2,455	1885	1565	406	DN 250 / 10" / -

\* TC = Tri Clamp

Lamp type	Low-pressure lamp VARIO Flux
Control type	Comfort controller, optionally compact controller
Permissible operating pressure	10 bar or 16 bar
Ambient temperature	5–40°C with comfort control, 5–35°C with compact control
Permissible water temperature	2...70°C
Enclosure rating	IP 66

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